Teacher Notes– THE DOCTORS SURGERY PART B.

Scenario

You have been asked to create a database for the East Berkshire Doctors Surgery. Currently all records are stored on a spreadsheet.

The surgery would like to be able to store and report on surgery visits. Currently staff have two types of speciality – GP and Nurse. The surgery would like to have doctors and nurses with more specialities in the future. The database will record information about:

- Staff
- Patients
- The appointments on a given day.

Each doctor must see at least one patient in a day.

A patient cannot see more than one doctor in a day.

An Appointment can be a single or a double session identified as 1 or 2.

There are two types of patient: Private and NHS. Privately funded patients are sent a bill of £50 for each visit to the Doctor.

A doctor cannot see more than 2 privately funded patients in a single day.

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General Information.

The activities presented here follow the style of the new 5 hour format for the Unit 2 NEA from Pearson.

This NEA style was created in a direct response to the instances of mass cheating and plagiarism that occurred under the old-style assessment where students had 10 hours to work on a single database. What happened was that student would go online to various forums and share the question paper or the answers.

To respond to this, Pearson has cut down the NEA to 5 hours.

In Part A students are required to build a database and create some simple queries and reports and carry out testing.

In Part B, students are **GIVEN** a brand new database and are required to create forms for this.

The days and times of the exams are set by Pearson and are no longer at the institution's discretion.

The idea is that is it now impossible for students to share answers online. The downside is that the amount of material for students to get through has been substantially reduced.

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Part B.

Here students are given a new database filled with tables and data.

Students are **NOT** expected to look at this.

They are **NOT** to change the data model or any validation.

They will be expected to create some simple data entry forms with some calculated fields.

This activity uses a similar database to the one they have been using except:

- The primary keys are autonumbered
- There is a new table called medication

Students are not to use tblAppointment at all.

Forms will work from a single table and students should not be expected to create join queries or subforms. There is simply not enough time.

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Activity 6

This is fairly straightforward. The forms are simple data entry or report forms with calculated fields.

Remember to

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